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DATE: Saturday, June 10, 2006

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6	INZZ	string\$ WITH field\$ WITH (search\$ OR quer\$ OR request\$)	unrestricted	9	<a href="#">show titles</a>
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8	INZZ	patient NEAR (record OR records)	unrestricted	2851	<a href="#">show titles</a>
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10	INZZ	8 AND text ADJ string\$	unrestricted	0	-
11	INZZ	8 AND character ADJ string\$	unrestricted	0	-
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13	INZZ	12 AND (search\$ OR quer\$ OR request\$)	unrestricted	2	<a href="#">show titles</a>

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1 Conceptual search in electronic patient record.

2 Relational database design for computer-analyzed medical narrative.

☒ document 1 of 2 [Order Document](#)

Inspec - 1898 to date (INZZ)

### Accession number & update

0007541681 20051201.

### Title

Conceptual **search** in electronic **patient record**.

### Conference information

MEDINFO 2001. Proceedings of the 10th World Congress on Medical Informatics, London, UK, 2-5 Sept. 2001.

### Source

MEDINFO 2001. Proceedings of the 10th World Congress on Medical Informatics, 2001, vol.1, p. 156-60 vol.1, 18 refs, pp. 2 vol.(xxxiii +xxvi+1571), ISBN: 1-58603-194-5.  
Publisher: IOS Press, Amsterdam, Netherlands.

### Author(s)

Baud-R-H, Lovis-C, Ruch-P, Rassinoux-A-M.

Editor(s): Patel-V-L, Rogers-R, Haux-R.

### Author affiliation

Baud, R.H., Lovis, C., Ruch, P., Rassinoux, A.-M., Med. Informatics Div., Univ. Hosp. of Geneva, Switzerland.

### Abstract

**Search** by content in a large corpus of free texts in the medical domain is, today, only partially solved. The so-called GREP approach (Get Regular Expression and Print), based on highly efficient **string** matching techniques, is subject to inherent limitations, especially its inability to recognize domain specific knowledge. Such methods oblige the user to formulate his or her **query** in a logical Boolean style; if this constraint is not fulfilled, the results are poor. The authors present an enhancement to **string** matching **search** by the addition of a light conceptual model behind the word lexicon. The new system accepts any sentence as a **query** and radically improves the quality of results. Efficiency regarding execution time is obtained at the expense of implementing advanced indexing algorithms in a pre-processing phase. The method is described and commented and a brief account of the results illustrates this paper.

### Descriptors

CONTENT-BASED-RETRIEVAL; MEDICAL-INFORMATION-SYSTEMS; NATURAL-LANGUAGE-INTERFACES; STRING-MATCHING.

### Classification codes

C7140 Medical-administration\*;  
C7330 Biology-and-medical-computing;  
C7250R Information-retrieval-techniques;  
C6180N Natural-language-processing;  
C6130 Data-handling-techniques;  
D2060 Health-care-applications-of-IT\*.

**Keywords**

**conceptual-search; electronic-patient-record; content-based-search; GREP; string-matching-techniques;** domain-specific-knowledge; logical- **Boolean-query-style;** light-conceptual-model; word-lexicon; advanced- indexing-algorithms; pre-processing-phase.

**Treatment codes**

P Practical.

**Language**

English.

**Publication type**

Conference-proceedings.

**Publication year**

2001.

**Publication date**

20010000.

**Edition**

2003008.

**Copyright statement**

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**Inspec - 1898 to date (INZZ)****Accession number & update**

0002030946 20051201.

**Title**

Relational database design for computer-analyzed medical narrative.

**Conference information**

Proceedings of the Sixth Annual Symposium on Computer Applications in Medical Care, Washington, DC, USA, 30 Oct.-2 Nov. 1982.

**Source**

Proceedings of the Sixth Annual Symposium on Computer Applications in Medical Care, 1982, p. 797-804, 14 refs, pp. xxv+1078.

Publisher: IEEE, New York, NY, USA.

**Author(s)**

Sager-N, Chi-E-C, Tick-L-J, Lyman-M.

Editor(s): Blum-B-I.



**Author affiliation**

Sager, N., Linguistic **String** Project, New York Univ., New York, NY, USA.

**Abstract**

A detailed analysis of the syntactic and semantic patterns of the narrative portions of **patient records** reveal surprising regularity in both regards. Building on these observed regularities, the NYU Linguistic **String** Project has programmed and tested a processor that accepts free text input and produces information-structured output, suitable for mapping (with some adjustments) into a database of the network or relational type. This paper describes the development of a relational data model which parallels the earlier CODASYL design. Experiments using SYSTEM R are described and compared with similar experiments using DMS1100. The suitability of SQL for **queries** addressed to a database of natural language medical data is also discussed.

**Descriptors**

 DATABASE-MANAGEMENT-SYSTEMS;  MEDICAL-ADMINISTRATIVE-DATA-PROCESSING.

**Classification codes**

C6160D Relational-databases\*;

C7140 Medical-administration.

**Keywords**

syntactic-patterns; relational-database-design; computer-analyzed-medical-narrative; semantic-patterns; **patient-records**; NYU-Linguistic- **String-Project**; relational-data-model; SYSTEM-R; DMS1100; SQL; natural-language-medical-data.

**Treatment codes**

I. Theoretical-or-mathematical.

**Language**

English.

**Publication type**

Conference-proceedings.

**Availability**

CCCC: 0195-4210/82/0000/0797\$00.75.

**Publication year**

1982.

**Publication date**

19820000.

**Edition**

1983005.

**Copyright statement**

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Inspec - 1898 to date (INZZ)

### Accession number & update

0008326763 20051201.

### Title

On isolated conformal fixed points and noncritical **string** theory.

### Source

JHEP-Journal of High Energy Physics, {JHEP-J-High-Energy-Phys-Italy}, Jan. 2005, vol. 2005, no. 01, 23 refs, CODEN: JHEPFG, ISSN: 1029-8479. Publisher: Soc. Italiana Fis, Italy.

### Author(s)

[Alishahiha-M](#), [Ghodsi-A](#), [Mosaffa-A-E](#).

### Author affiliation

Alishahiha, M., Ghodsi, A., Mosaffa, A.E., Inst. for Studies in Theor. Phys. & Math., Tehran, Iran.

### Abstract

We **search** for the gravity description of unidentified **field** theories at their conformal fixed points by studying the low energy effective action of six dimensional noncritical **string** theory. We find constant dilaton solutions by solving both the equations of motion and BPS equations. Our solutions include a free parameter provided by a stack of uncharged space filling branes. We find several  $AdS/sub\ p/ \times S/sub\ q/$  solutions with constant radii for  $AdS/sub\ p/$  and  $S/sub\ q/$ . The curvature of the solutions are of the order of the **string** scale.

### Descriptors

[CONFORMAL-FIELD-THEORY](#); [GRAVITATION](#); [STRING-THEORY](#).

### Classification codes

[A1117 Theories-of-strings-and-other-extended-objects\\*](#);  
[A1110 Quantum-field-theory](#).

### Keywords

isolated-conformal-fixed-points; gravity-description; low-energy-effective-action; **six-dimensional-**

**noncritical-string-theory**; constant-dilaton-solutions; equations-of-motion; BPS-equations; uncharged-space-filling-branes; AdS/sub-p/-x-S/sup-q/-solutions; constant-radii; **string-scale**.

**Treatment codes**

T Theoretical-or-mathematical.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

CCCC: 1126-6708/05/010001+16\$30.00.

Document URL: <<http://jhep.sissa.it/archive/papers/jhep012005017/>>.

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**Digital object identifier**

10.1088/1126-6708/2005/01/017.

**Publication year**

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**Publication date**

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**Edition**

2005011.

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**Inspec - 1898 to date (INZZ)**

**Accession number & update**

0008300894 20051201.

**Title**

New experimental proposals for testing Dirac equation.

**Source**

Physics Letters B, {Phys-Lett-B-Netherlands}, March 2004, vol. 582, no. 3-4, p. 229-36, 17 refs, CODEN: PYLBAJ, ISSN: 0370-2693.

Publisher: Elsevier, Netherlands.

**Author(s)**

Camacho-A, Macias-A.

**Author affiliation**

Camacho, A., Macias, A., Dept. de Fisica, Univ. Autonoma Metropolitana-Iztapalapa, Mexico City, Mexico.

**Abstract**

The advent of phenomenological quantum gravity has ushered us in the **search** for experimental tests of the deviations from general relativity predicted by quantum gravity or by **string** theories, and as a by-product of this quest the possible modifications that some **field** equations, for instance, the motion equation of spin-1/2-particles, have already been considered. In the present letter a modified Dirac equation, whose extra term embraces a second-order time derivative, is taken as mainstay, and three different experimental proposals to detect it are put forward. The novelty in these ideas is that two of them do not fall within the extant approaches in this context, to wit, red-shift, atomic interferometry, or Hughes-Drever type-like experiments.

**Descriptors**

 DIRAC-EQUATION;  FIELD-EQUATIONS;  GENERAL-RELATIVITY;  GRAVITATIONAL-EXPERIMENTS;  GRAVITATIONAL-RED-SHIFT;  QUANTUM-GRAVITY;  STRING-THEORY.

**Classification codes**

A0460 Quantum-theory-of-gravitation\*;

A0480 Experimental-tests-of-general-relativity-and-observations-of-gravitational-radiation;



A0450 Unified-field-theories;  
A1110Q Relativistic-wave-equations-and-field-theories;  
A9530S Relativity-and-gravitation-in-astrophysics.

**Keywords**

Dirac-equation; quantum-gravity; general-relativity; **string-theories**; motion-equation; spin-1/2-particles; second-order-time-derivative; red-shift; atomic-interferometry; Hughes-Drever-type-like-experiments.

**Treatment codes**

I Theoretical-or-mathematical;  
X Experimental.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

SICI: 0370-2693(200403)582:3/4L.229:EPTD; 1-C.  
CCCC: 0370-2693/04/\$30.00.

**Digital object identifier**

10.1016/j.physletb.2004.01.004.

**Publication year**

2004.

**Publication date**

20040300.

**Edition**

2005008.

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**Inspec - 1898 to date (INZZ)****Accession number & update**

0008114301 20051201.

**Title**

Noncommutative extended waves and soliton-like configurations in N=2 **string** theory.

**Source**

International Journal of Modern Physics A, {Int-J-Mod-Phys-A-Singapore }, 20 Oct. 2003, vol. 18, no. 26, p. 4889-931, 73 refs, CODEN: IMPAEF, ISSN: 0217-751X.  
Publisher: World Scientific, Singapore.

**Author(s)**

Ihl-M, Uhlmann-S.

**Author affiliation**






Ihl, M., Uhlmann, S., Inst. fur Theor. Phys., Hannover Univ., Germany.

**Abstract**

The Seiberg-Witten limit of fermionic N=2 **string** theory with nonvanishing **B-field** is governed by noncommutative self-dual Yang-Mills theory (ncSDYM) in 2+2 dimensions. Conversely, the self-duality equations are contained in the equation of motion of N=2 **string field** theory in a **B-field** background. Therefore finding solutions to noncommutative self-dual Yang-Mills theory on  $R/\sup 2,2/$  might help to improve our understanding of nonperturbative properties of **string (field)** theory. In this paper, we construct nonlinear soliton-like and multiplane wave solutions of the ncSDYM equations corresponding to certain D-brane configurations by employing a solution generating technique, an extension of the so-called dressing approach. The underlying Lax pair is discussed in two different gauges, the unitary and the Hermitian gauge. Several examples and applications for both situations are considered, including Abelian solutions constructed from GMS-like projectors, noncommutative U(2) soliton-like configurations and interacting plane waves. We display a correspondence to earlier work on **string**

**field** theory and argue that the solutions found here can serve as a guideline in the **search** for nonperturbative solutions of nonpolynomial **string field** theory.

#### Descriptors

 MEMBRANE-THEORY;  NONLINEAR-FIELD-THEORY;  SOLITONS;  STRING-THEORY;  YANG-MILLS-THEORY.

#### Classification codes

A1117 Theories-of-strings-and-other-extended-objects\*;  
A1110L Nonlinear-or-nonlocal-field-theories-and-models;  
A1110N Gauge-field-theories.

#### Keywords

noncommutative-extended-waves; **fermionic-N=2-string-theory**; Seiberg-Witten-limit; **nonvanishing-B-field**; noncommutative-self-dual-Yang-Mills-theory; self-duality-equations; equation-of-motion; nonperturbative-properties; nonlinear-soliton-like-wave-solutions; multiplane-wave-solutions; D-brane-configurations; dressing-approach; Lax-pair; unitary-gauge; Hermitian-gauge; Abelian-solutions; GMS-like-projectors; noncommutative-U(2)-soliton-like-configurations; interacting-plane-wave; nonperturbative-solutions; nonpolynomial- **string-field-theory**; integrable-models.

#### Treatment codes

I Theoretical-or-mathematical.

#### Language

English.

#### Publication type

Journal-paper.

#### Availability

SICI: 0217-751X(20031020)18:26L:4889:NEWS; 1-Z.

#### Digital object identifier

10.1142/S0217751X03016446.

#### Publication year

2003.

#### Publication date

20031020.

#### Edition

2004038.

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**Inspec - 1898 to date (INZZ)**

#### Accession number & update

0007963863 20051201.

#### Title

Two-dimensional conformal **field** theory and beyond: lessons from a continuing fashion.

#### Conference information

Fourth General Conference of the Balkan Physical Union, Veliko Turnovo, Bulgaria, 22-25 Aug. 2000.

#### Source

Bulgarian Journal of Physics, {Bulg-J-Phys-Bulgaria}, 2000, vol. 27, no. 1, p. 47-56, 36 refs, CODEN: BJPHD5, ISSN: 0323-9217.

Publisher: St. Kliment Ohridski University Press, Sofia, Bulgaria.

#### Author(s)

Todorov-I-T.

#### Author affiliation





Todorov, I.T., Inst. for Nucl. Res. & Nucl. Energy, Sofia, Bulgaria.

#### Abstract

Two-dimensional conformal **field** theory (CFT) has several sources: the **search** for simple examples of

quantum **field** theory, the description of surface critical phenomena, the study of **(super)string** vacua (which made it particularly fashionable). In the present overview of the subject we emphasize the role of CFT in bridging the gap between mathematics and quantum **field** theory and discuss some new physical concepts that emerged in the study of CFT models: anomalous dimensions, rational CFT, braid group statistics. In an aside, at the end of the paper, we share the misgivings, recently expressed by Penrose, about some dominant trends in fundamental theoretical physics.

**Descriptors**

 [CONFORMAL-FIELD-THEORY](#);  [STRING-THEORY](#);  [SUPERSTRINGS](#);  [VACUUM-ELEMENTARY-PARTICLES](#).

**Classification codes**

[A1110 Quantum-field-theory\\*](#);  
[A1117 Theories-of-strings-and-other-extended-objects](#);  
[A1130P Supersymmetry-in-particle-physics](#).

**Keywords**

**two-dimensional-conformal-field-theory**; CFT; **quantum-field-theory**; surface-critical-phenomena; superstring-vacua; anomalous-dimensions; braid-group-statistics; theoretical-physics.

**Treatment codes**

[I Theoretical-or-mathematical](#).

**Language**

English.

**Publication type**

[Conference-proceedings](#); [Journal-paper](#).

**Availability**

SICI: 0323-9217(2000)27:1L.47:DCFT; 1-O.

**Publication year**

2000.

**Publication date**

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**Edition**

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**Inspec - 1898 to date (INZZ)**

**Accession number & update**

0007046504 20051201.

**Title**

Two-dimensional conformal **field** theory and beyond. Lessons from a continuing fashion.

**Conference information**

EuroConference Moshe Flato 2000, Dijon, France, 11-14 Sept. 2000.

**Source**

Letters in Mathematical Physics, {Lett-Math-Phys-Netherlands}, May 2001, vol. 56, no. 2, p. 151-61, 48 refs, CODEN: LMPHDY, ISSN: 0377-9017.  
Publisher: Kluwer Academic Publishers, Netherlands.

**Author(s)**

[Todorov-I-T.](#)

**Author affiliation**



Todorov, I.T., Inst. for Nucl. Res. & Nucl. Energy, Sofia, Bulgaria.

**Abstract**

Two-dimensional conformal **field** theory (CFT) has several sources: the **search** for simple examples of quantum **field** theory, the description of surface critical phenomena, and the study of **(super)string** vacua. In the present overview of the subject, we emphasize the role of CFT in bridging the gap

between mathematics and quantum **field** theory and discuss some new physical concepts that emerged in the study of CFT models: anomalous dimensions, rational CFT, braid group statistics. In an aside, at the end of the Letter, we share the misgivings, expressed by Penrose (1999), about some dominant trends in fundamental theoretical physics.

**Descriptors**

 CONFORMAL-FIELD-THEORY;  GROUP-THEORY.

**Classification codes**

A1110 Quantum-field-theory\*;

A0220 Group-theory.

**Keywords**

**two-dimensional-conformal-field-theory; quantum-field-theory;** surface- critical-phenomena; superstring-vacua; anomalous-dimensions; braid-group-statistics.

**Treatment codes**

I Theoretical-or-mathematical.

**Language**

English.

**Publication type**

Conference-proceedings; Journal-paper.

**Availability**

SICI: 0377-9017(200105)56:2L.151:DCFT; 1-W.

CCCC: 0377-9017/2001/\$19.50.

**Publication year**

2001.

**Publication date**

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**Edition**

2001038.

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**Inspec - 1898 to date (INZZ)****Accession number & update**

0006834922 20051201.

**Title**

**String field** theory at large **B-field** and non-commutative geometry.

**Source**

JHEP-Journal of High Energy Physics, {JHEP-J-High-Energy-Phys-Italy}, 2000, 37 refs, CODEN:

JHEPFG, ISSN: 1029-8479.

Publisher: Soc. Italiana Fis, Italy.

**Author(s)**

Schnabl-M.




**Author affiliation**

Schnabl, M., Scuola Int. Superiore di Studi Avanzati, Trieste, Italy.

**Abstract**

In the **search** for the exact minimum of the tachyon potential in the Witten's cubic **string field** theory we try to learn as much as possible from the **string field** theory in the large **B-field** background. We offer a simple alternative proof of the Witten's factorization, carry out the analysis of **string field** equations also for the non-commutative torus and find some novel relations to the algebraic K-theory. We note an intriguing relation between Chern-Simons and Chern classes of two non-commutative bundles. Finally we observe a certain pattern which enables us to make a plausible conjecture about the exact form of the minimum.

**Descriptors**

 CHERN-SIMONS-THEORY;  DIFFERENTIAL-GEOMETRY;  STRING-THEORY.

**Classification codes**

A1117 Theories-of-strings-and-other-extended-objects\*;

A1110N Gauge-field-theories;

A0240 Geometry-differential-geometry-and-topology.

**Keywords**

**string-field-equations; large-B-field;** noncommutative-geometry; tachyon-potential; **cubic-string-field-theory;** noncommutative-torus; algebraic-K-theory; Chern-Simons-classes; Chern-classes; noncommutative-bundles.

**Treatment codes**

T Theoretical-or-mathematical.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

Collection URL: <<http://jhep.cern.ch>>.

**Publication year**

2000.

**Publication date**

20000000.

**Edition**

2001006.

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**Inspec - 1898 to date (INZZ)**

**Accession number & update**

0006791548 20051201.

**Title**

**String search** to the J-BISC.

**Source**

Journal of Information Processing and Management, {J-Inf-Process-Inf-Manage-Japan}, Sept. 2000, vol. 43, no. 6, p. 481-90, 10 refs, CODEN: JOKAAB, ISSN: 0021-7298.

Publisher: Japan Science and Technology Corp, Japan.

**Author(s)**

Shuzo-A.

**Author affiliation**

Shuzo, A., Coll. of Bus. Adm. & Inf. Sci., Chubu Univ., Aichi, Japan.

**Abstract**

The National Diet Library of Japan is publishing the J-BISC. We tried **string searching** on the J-BISC. A summary of the results is shown. **String search** can retrieve all the corresponding books without omission. In case of the **query** letters being contained in the publisher **field** especially, **string search** retrieves many books considered as noise. Since a **query** is written in a Chinese and Japanese character, **string search** can distinguish a homonym so that noise is reduced remarkably. For an author who uses several names, **string search** can retrieve his books by not only a uniform name but also other names. In conclusion, we can make a more useful retrieval system by using both the ordinary J-BISC **search** and this **string search**.

**Descriptors**

 FULL-TEXT-DATABASES;  INFORMATION-RETRIEVAL.

**Classification codes**

C7250R Information-retrieval-techniques\*;

C7250L Non-bibliographic-retrieval-systems.

**Keywords**

J-BISC; National-Diet-Library-of-Japan; **string-searching**; Chinese-character; Japanese-character; information-retrieval; full-text- **search**.

**Treatment codes**

P Practical.

**Language**

Japanese.

**Publication type**

Journal-paper.

**Availability**

SICI: 0021-7298(200009)43:6L.481:SSB; 1-6.

**Publication year**

2000.

**Publication date**

20000900.

**Edition**

2000050.

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**Inspec - 1898 to date (INZZ)**

**Accession number & update**

0003469560 20051201.

**Title**

Radiative quark mass and mixing hierarchies from supersymmetric models with a fourth mirror family.

**Source**

Physical Review D (Particles and **Fields**), {**Phys-Rev-D-Part-Fields- USA**}, 1 July 1989, vol. 40, no. 1, p. 173-90, 25 refs, CODEN: PRVDAQ, ISSN: 0556-2821, USA.

**Author(s)**

Kagan-A-L.







**Author affiliation**

Kagan, A.L., Dept. of Phys. & Astron., Maryland Univ., College Park, MD, USA.

**Abstract**

A class of supersymmetric models is discussed in which radiative quark mass as well as Kobayashi-Maskawa (KM) and neutral-current mixing hierarchies are obtained with all Yukawa couplings of the same order and no horizontal symmetries. The presence of a single mirror family is crucial. The respective KM mixing angles of the top quark and mirror top quark ( $t'$ ) are of the same order (in particular,  $V_{tb}$  typically has a mass less than/equivalent 100 GeV while the mirror bottom quark, considerably heavier than either top quark, typically has a mass less than/equivalent 300 GeV. The main experimental consequence of the neutral-current mixing matrix is  $m_{t'}/m_Z < m_c/m_Z$ , with similar branching ratio for charm+mirror top quark. These decays should be observable at CERN LEP given  $10^7/Z$ 's. The models provide a promising framework for nonperturbative Maiani-Parisi-Petronzio unification (1978). The **field** content can, in principle, be obtained from the superstring and a **search** for two-generation **string** vacua is advocated.

**Descriptors**

 NEUTRAL-CURRENTS;  QUARK-MASS;  STRING-THEORY;  SUPERSYMMETRY;  
 UNIFIED-  FIELD-THEORIES.

**Classification codes**

A1210 Unified-field-theories-and-models\*;  
A1130P Supersymmetry-in-particle-physics;  
A1230C Neutral-currents;

A1117 Theories-of-strings-and-other-extended-objects;  
A1480D Quarks-and-gluons.

**Keywords**

supersymmetric-models; radiative-quark-mass; neutral-current-mixing-hierarchies; Yukawa-couplings; mirror-family; KM-mixing-angles; top-quark; mirror-bottom-quark; branching-ratio; superstring; two-generation-string-vacua.

**Treatment codes**

I Theoretical-or-mathematical.

**Language**

English.

**Publication type**

Journal-paper.

**Publication year**

1989.

**Publication date**

19890701.

**Edition**

1989021.

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**Inspec - 1898 to date (INZZ)**

**Accession number & update**

0003342320 20051201.

**Title**

Magnetic **strings fields.**

**Source**

Nuclear Physics B Particle Physics, {Nucl-Phys-B-Part-Phys-Netherlands }, 6 Feb. 1989, vol. B313, no. 2, p. 308-20, 15 refs, CODEN: NUPBBO, ISSN: 0550-3213, Netherlands.

**Author(s)**

Fisk-M., Srednicki-M.

**Author affiliation**

Fisk, M., Srednicki, M., Dept. of Phys., California Univ., Santa Barabara, CA, USA.

**Abstract**

The authors construct the **string field** in Witten's open bosonic **string field** theory which corresponds to a constant magnetic **field**. They express the answer both in the standard basis of open **string** modes, and in a more natural basis which requires changes in the zero-zero Neumann coefficients of the **three-string** vertex. They discuss the feasibility of using **field** theory to **search** for new solutions of the classical **string** equations.

**Descriptors**

 QUANTUM-FIELD-THEORY;  STRING-THEORY.

**Classification codes**

A1117 Theories-of-strings-and-other-extended-objects\*;  
A1110 Quantum-field-theory.

**Keywords**

**open-bosonic-string-field-theory; constant-magnetic-field;** zero-zero- Neumann-coefficients;  
**three-string-vertex; classical-string-equations.**

**Treatment codes**

I Theoretical-or-mathematical.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

CCCC: 0550-3213/89/\$03.50.

**Publication year**

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**Publication date**

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**Edition**

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1 LEAF: linking and exploring authority files.

2 Database manager for the North Star.

☒ document 1 of 2 Order Document

**Inspec - 1898 to date (INZZ)**

### Accession number & update

0008448193 20051201.

### Title

LEAF: linking and exploring authority files.

### Source

Cataloging & Classification Quarterly, {Cat-Classif-Q-USA}, 2004, vol. 38, no. 3-4, p. 227-36, 2 refs, CODEN: CCQUDB, ISSN: 0163-9374.

Publisher: Haworth Press, USA.

### Author(s)

Weber, J.

### Author affiliation

Weber, J., Staatsbibliothek zu Berlin, Germany.

### Abstract

LEAF tries to enhance **search** and retrieval facilities by providing high quality access to international authority information for everyone. For this purpose LEAF is developing a model architecture for collecting, harvesting, linking of, and providing access to existing local or national name authority data, independent from their creation in libraries, archives, museums or other institutions and independent from national differences. When a **user searches** for a name **string**, LEAF will **search** the **records** of all LEAF data providers and combine these **records** to one single LEAF authority **record**. This **record** will automatically be stored in a "Central Name Authority File" which will thus contain international name information of high quality and high **user** relevance, as it will only contain **records** for which **searches** were actually done.

### Descriptors

HUMANITIES; RECORDS-MANAGEMENT; SEARCH-ENGINES.

### Classification codes

C7250N Search-engines\*;

C7820 Humanities-computing;

C7104 Office-automation.

### Keywords

**search-engines**; information-retrieval-facilities; Central-Name- Authority-File; authority-information; libraries-archives; museum; **user-relevance**.

### Treatment codes

P Practical.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

SICI: 0163-9374(2004)38:3/4L.227:LLEA; 1-C.

**Digital object identifier**

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**Publication year**

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**Inspec - 1898 to date (INZZ)****Accession number & update**

0001724274 20051201.

**Title**

Database manager for the North Star.

**Source**

Kilobaud Microcomputing, {Kilobaud-Microcomput-USA}, March 1981, vol. 5, no. 3, p. 86-8, 90-2, 0 refs, ISSN: 0192-4575, USA.

**Author(s)**

Bailey-J-E.

**Abstract**

This system enables the **user** to access any number of different databases with one program, to add **records**, delete **records**, update **records**, **search** for **records** by key, scan for **records** containing a given character **string** and retrieve **records** by number.

**Descriptors**

 DATABASE-MANAGEMENT-SYSTEMS;  PERSONAL-COMPUTING.

**Classification codes**

C6160 Database-management-systems-DBMS\*;  
C7830 Home-computing.

**Keywords**

North-Star-database-manager.

**Language**

English.

**Publication type**

Journal-paper.

**Publication year**

1981.

**Publication date**

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**Edition**

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